



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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<b>(21) International Application Number:</b> PCT/US00/08282 <b>(22) International Filing Date:</b> 24 March 2000 (24.03.00)  <b>(30) Priority Data:</b> 60/126,340 26 March 1999 (26.03.99) US  <b>(71) Applicant (for all designated States except US):</b> VICAL INCORPORATED [US/US]; Suite 100, 9373 Towne Centre Drive, San Diego, CA 92121 (US).  <b>(72) Inventor; and</b> <b>(75) Inventor/Applicant (for US only):</b> WHEELER, Carl, J. [US/US]; 14101 Arbolitos Drive, Poway, CA 92064 (US).  <b>(74) Agents:</b> NAN, Wu et al.; Pillsbury Madison & Sutro LLP, 50 Fremont Street, San Francisco, CA 94105 (US).		<b>(81) Designated States:</b> CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>Without international search report and to be republished upon receipt of that report.</i>
<b>(54) Title:</b> ADJUVANT COMPOSITIONS AND METHODS FOR ENHANCING IMMUNE RESPONSES TO POLYNUCLEOTIDE-BASED VACCINES  <b>(57) Abstract</b>  The invention provides adjuvants, immunogenic compositions, and methods useful for polynucleotide-based vaccination and immune response. In particular, the invention provides an adjuvant of cytofectin:co-lipid mixture wherein cytofectin is GAP-DMORIE.		